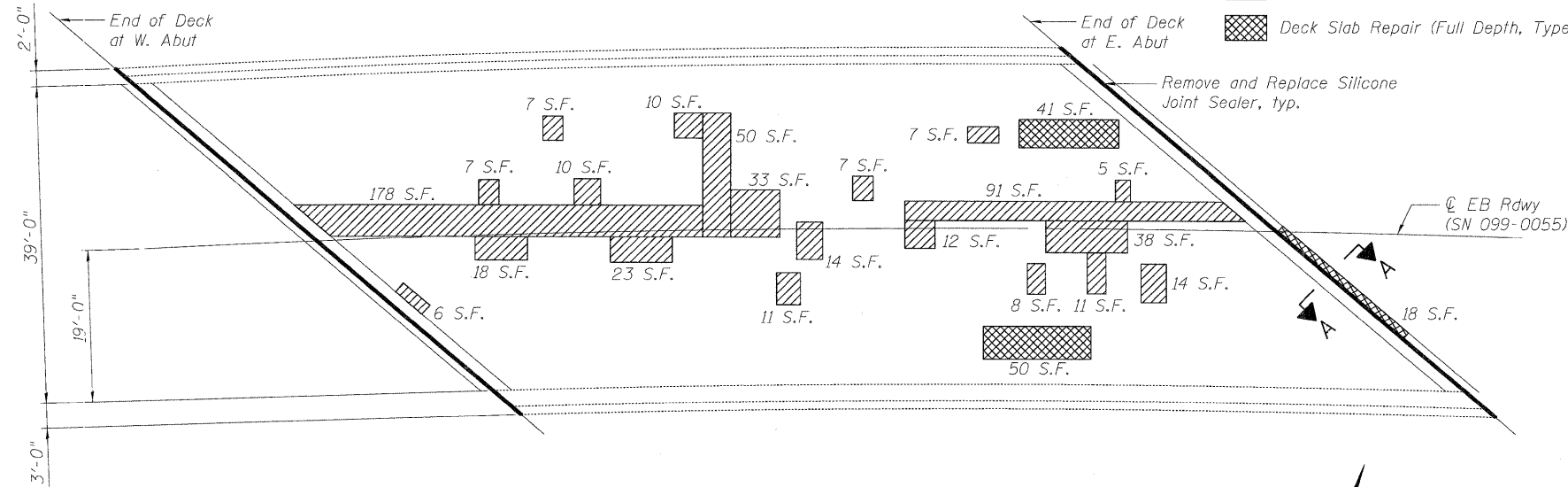
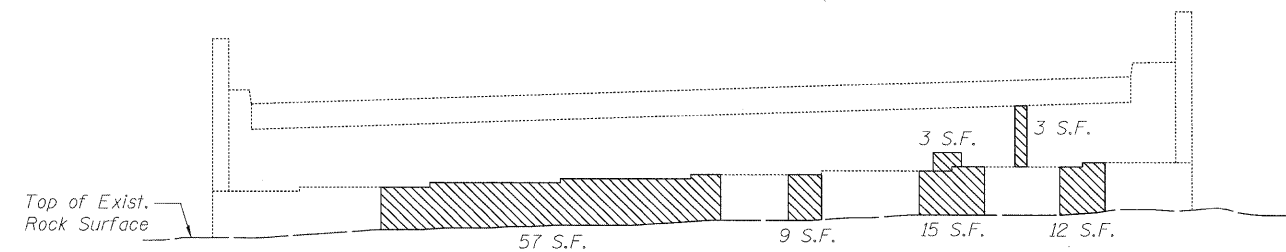


LEGEND (DECK PLAN)

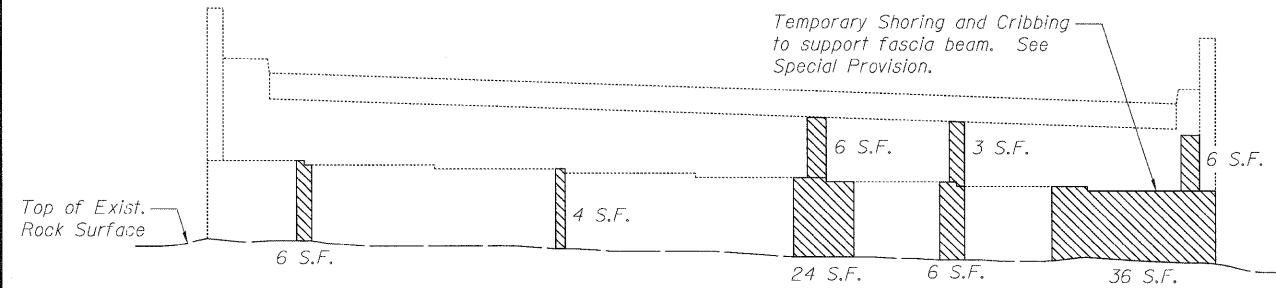
- Deck Slab Repair (Partial)
- Deck Slab Repair (Full Depth, Type II)



DECK SLAB REPAIR PLAN



WEST ABUTMENT



EAST ABUTMENT

LEGEND (ABUTMENTS)

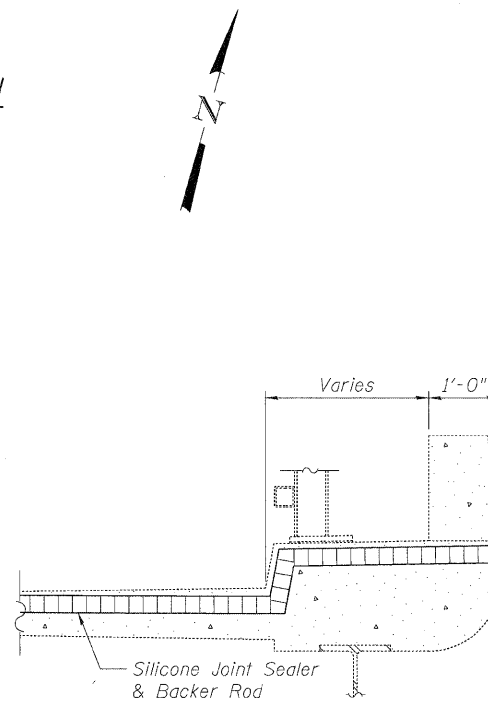
- Structural Repair of Concrete (Depth Less Than or Equal to 5")

TEMPORARY SHORING AND CRIBBING LOADS

	DL	LL+IMP
East Abutment (one bearing)	62k	39k

Note: Work shall be performed during stage construction, without LL directly above shored beam. See Special Provision.

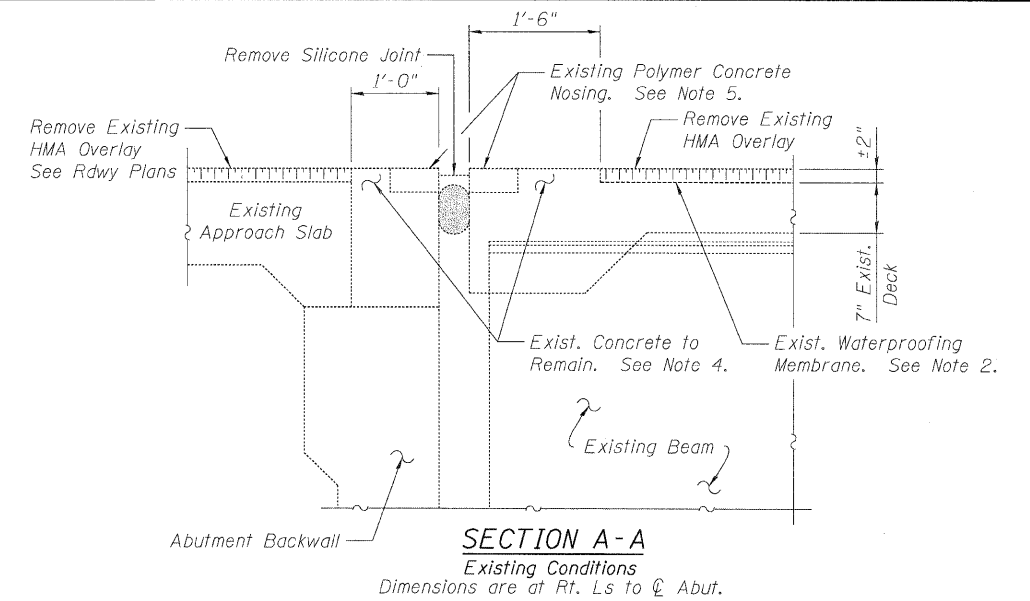
If the work is performed with LL directly above shored beam, the shoring system shall be designed per the requirements of Temporary Shoring and Cribbing. Special at no additional cost to the Department.



DETAIL FOR CURB TREATMENT

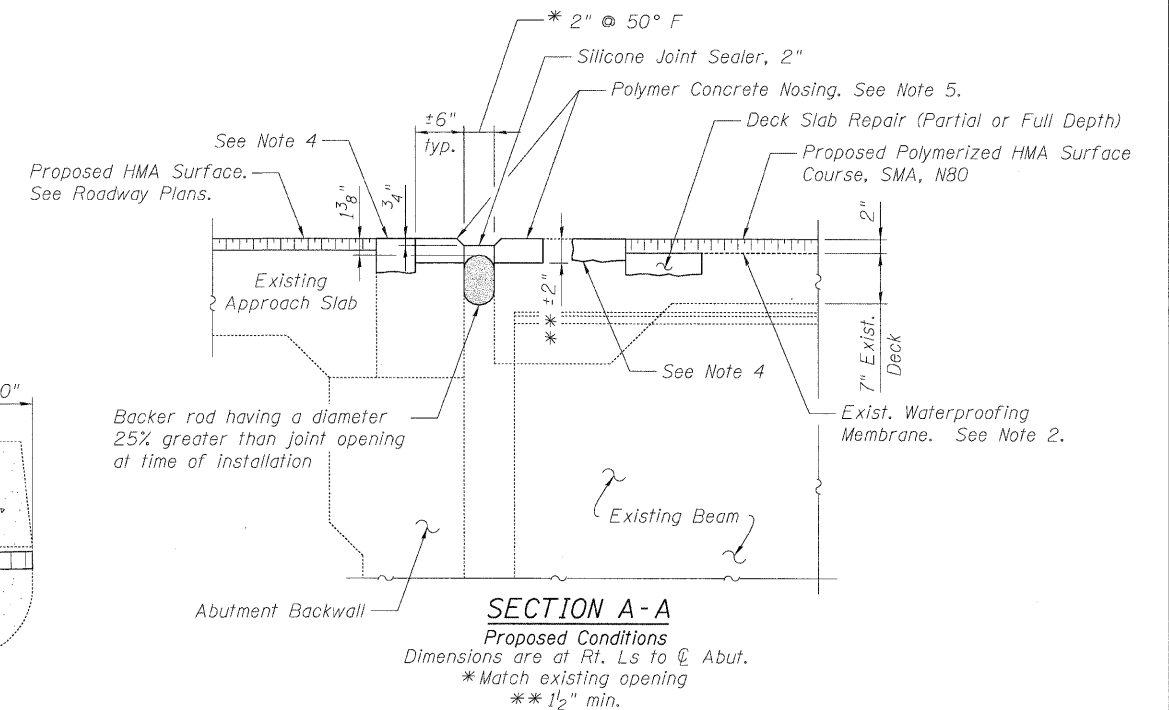
NOTES

1. Removal of the existing silicone joint shall be included in the cost of Silicone Joint Sealer, 2".
2. Contractor shall remove the existing asphalt overlay, and as necessary, adjust the milling depth to prevent damage to the existing waterproofing membrane. See Special Provision Hot-Mix Asphalt Surface Removal (Deck).
3. For existing concrete patches throughout the deck or approach slabs, the Contractor shall grind off the existing concrete patch flush with the existing top of deck/approach slab. This work shall be included in the cost of Hot-Mix Asphalt Surface Removal (Deck).
4. Existing concrete surface to remain. Areas that require repair will be paid for as Deck Slab Repair (Full Depth, Type II). Sawcut edge to provide a uniform width in addition to a clean edge for HMA surface and/or polymer concrete. Cost of sawcut and concrete removal shall be included in the cost of Hot-Mix Asphalt Surface Removal (Deck).
5. Existing polymer concrete to remain. Areas that require repair will be paid for as polymer concrete. Saw cut to provide a clean edge prior to removal. Cost of saw cut and existing polymer concrete removal shall be included in the cost of Polymer Concrete. A quantity of 5 cu. ft. of Polymer Concrete has been estimated for repair.
6. Contractor may remove and replace guardrail components to facilitate joint replacement work. Cost included with Silicone Joint Sealer, 2".
7. The deck slab repair concrete shall be placed to match the top of the existing waterproofing system adjacent to the repair area.
8. After completion of the deck slab repair work, the HMA surface course shall be placed in sufficient thickness in order to match the original surface elevation.



SECTION A-A

Existing Conditions
Dimensions are at Rt. Ls to C. Abut.



SECTION A-A

Proposed Conditions
Dimensions are at Rt. Ls to C. Abut.
* Match existing opening
** 1/2" min.

DESIGNED - DF	REVISOR -
DRAWN - LAM	REVISOR -
CHECKED - BLU	REVISOR -
DATE - 01/21/2011	REVISOR -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECK, JOINT AND ABUTMENT REPAIR DETAILS
EASTBOUND FAI-80 OVER CENTER STREET RAMP CC
STRUCTURE NO. 099-0055

SHEET NO. S-3 OF S-5 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(2&3)RS-3	WILL	200	105
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M64	